HYUNDAI
HYUNDAI IT CORP.

World No.1 Digital Signage Provider

Experience Real 3D Visuals with Hyundai IT Widescreen 3D Display

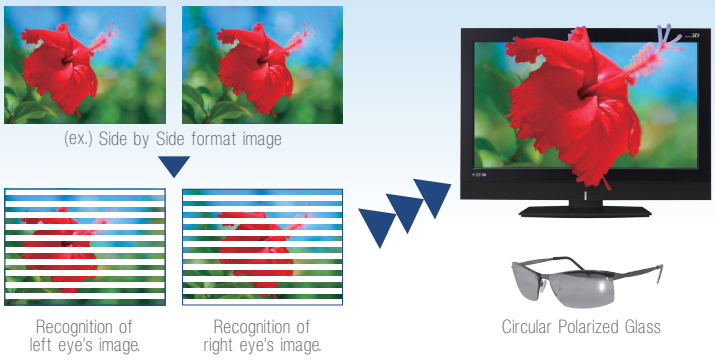
In addition to conventional 2D operations HYUNDAI IT's stereoscopic 3D displays make it possible to viewing 3D images with a breathtaking three-dimensional effect. For example, 3D models created with CAD software can be displayed more life like and thus allowing a presentation close to reality. Beside professional applications, Hyundai 3D displays are great for multimedia operation such as 3D games, movies or pictures.

Hyundai 3D Monitor
W220S/W240S

Hyundai 3D Monitor
S320D/S465D

ENJOY REAL 3D IMAGE WITH HYUNDAI IT STEREOSCOPIC 3D DISPLAYS

Based on the stereoscopic 3D technology, the viewer is watching the 3D contents through a polarized 3D display by wearing polarized 3D glasses. A stereoscopic image presents the left and right eyes of the viewer with different perspective viewpoints, just as the viewer sees the visual world. From these two slightly different views, the eye-brain synthesizes an image of the world with stereoscopic depth.



Key Features

- Moire, ghosting and flicker free
- High contrast ratio and fast response time
- HDMI with HDCP support
- Wide viewing angle
- Certified for Windows Vista

3D Visualizer/OpenGL driver(Option)

3D Visualizer enables selected third party applications to work on HYUNDAI IT's 3D displays. Using 3D displays and 3D Visualizer, 3D models appear to have a real physical depth, just like the actual objects they are modelling.

3D Software Package

HYUNDAI IT's 3D display include a software package of the leading 3D software supplier DDD.
This 3D software supports 3D drivers for more than 64 PC Game titles through the website.

- 3D Media Player
- 3D Google Earth
- 3D Experience
- 3D games driver

Recommended System Requirements

- Intel® Core 2 Duo or Athlon™ 64 x 2 Dual-Core CPU, 1GB RAM
- NVIDIA® GeForce 6600 or ATI Radeon™ X800 with DVI output
- 100MB free disk space - Windows® XP, Vista 32-bit
- DirectX 9.0c compatible sound card

Specifications

Model Name		W220S	W240S	S320D	S465D
3D Technology	Filter	Circular polarized filter	Circular polarized filter	Circular polarized filter	Circular polarized filter
	Compatibility	2D/3D compatible	2D/3D compatible	2D/3D compatible	2D/3D compatible
	3d Format	Horizontal interlaced	Horizontal interlaced	Horizontal interlaced	Horizontal interlaced
	Viewing Angle (H/V)	160°/10°	160°/10°	178°/ 20°(typ. CR:10)	178°/20° (typ. CR:10)
	Supported 3d Resolution	1680 x 1050	1920 x 1200	1360 x 768	1920 x 1080
	Conversion	2D/3D image convertible	2D/3D Image convertible	2D/3D Image convertible	2D/3D Image convertible
	Viewing Distance (Recom.)	2.3 ft or 27.6 inch	2.3 ft or 27.6 inch	5 ft	5 ft
Panel	Type	A-Si TFT Active Matrix	A-Si TFT Active Matrix	A-Si TFT Active Matrix	A-Si TFT Active Matrix
	Size: Diagonale / Display Area (H/V)	22" / 473.7 x 296.1 mm	24" / 518.4 x 324 mm	32" / 697.6845 x 392.256 mm	46" / 1018.4 x 572.5 mm
	Aspect Ratio	16:10	16:10	16:9	16:9
	Pixel Pitch (H/V)	0.282 x 0.282 mm	0.270 x 0.270 mm	0.510 x 0.510 mm	0.530 x 0.530 mm
	Viewing Angle (H/V)	160° / 160° (CR:<=10)	178° / 178° (CR:<=10)	178° / 178° (CR:<=10)	178° / 178° (CR:<=10)
	Contrast Ratio	1,000:1 / 30,000:1 (DCR)	1,000:1 / 30,000:1 (DCR)	3,000:1 / 6,000:1(DCR)	4,000:1 / 6,000:1 (DCR)
	Response Time	5 ms (typical)	6 ms (typical)	8 ms (G to G)	6 ms (typical)
	Brightness	300 cd/m² (typical)	500 cd/m² (typical)	450 cd/m² (typical)	450 cd/m² (typical)
	Colors	16.7 M	16.7 M	16.7 Mi	16.7 M
Resolution	Maximum / Recommended	1680 x 1050 @ 60Hz	1920 x 1200 @ 60Hz	1360 x 768 @60Hz	1920 x 1080 @ 60Hz
	Video	480p, 576p, 720p, 1080i/p	480p, 576p, 720p, 1080i/p	480i/p, 576i/p, 720p, 1080i	480i/p, 576i/p, 720p, 1080i/p
Input Signal	Analog RGB / DVI-D	1/1	1/1	1/-	1/-
	HDMI-HDCP / Component	1/-	1/1	3/1	3/1
	S-Video/Composite	-/-	-/-	1/1	1/1
	PC Audio	Yes	Yes	Yes	Yes
Plug-and-Play		VESA DDC 2B	VESA DDC 2B	VESA DDC 2B	VESA DDC 2B
Power Management		VESA DPMS	VESA DPMS	VESA DPMS	VESA DPMS
Power	Voltage / Consumption / Type	100-240V AC 2.0A / 45W(typ) / Internal Power Supply	100-240V AC 2.0A / 85W(typ) / Internal Power Supply	100-240V AC 5.0A / 150W(typ) / Internal Power Supply	100-240V AC 5.0A / 230W(typ) / Internal Power Supply
Safety & Regulations		cTUVus, CB, EK, PSE, FCC, CE, VCCI, Energy Star	cTUVus, CB, EK, PSE, FCC, CE, VCCI, Energy Star	cTUVus, CB, FCC, CE	cTUVus, CB, FCC, CE
Other Features	Audio System	Internal loudspeaker 2 x 3 Watt, PC Audio in/out	Internal loudspeaker 2 x 3 Watt, PC Audio in/out	Max. 10W x 2ch	Max. 10W x 2ch
	Kensington Slot / Wallmount Holes	Yes I Yes (VESA: 100 x 100 mm)	Yes I Yes (VESA: 100 x 100 mm)	Yes I Yes (200 x 100 mm)	Yes I Yes (580 x 420 mm)
Stand	Type	Tiltable, Height adjustable (option)	Height adjustable, Tiltable(option)	Swivel	Swivel
Dimensions	Unit / Packed (W x H x D mm)	522 x 412 x 210 / 616 x 480 x 196	579 x 455 x 240 / 650 x 535 x 235	806 x 617 x 229 / 902 x 716 x 302	1143 x 310 x 845 / 1270 x 452 x 974
Weight	Unit / Packed (kg)	7.0 / 9.3	10.1 / 11.6	17.5 / 21.4	30.0 / 38.7
Scope of Accessories		Power cable, DVI Cable, D-Sub Cable, Audio Cable, Quick Installation guide, 3D glasses, HDMI-DVI Cable (S320D, S465D only), CD-ROM : User manual, Driver, ICM profil, 3D software package			

* Design specifications may be subject to change without prior notice.

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